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Bibliographic data: HK 1111530 (A1)

SYSTEM AND METHOD FOR SCALABLE MULTIFUNCTIONAL NETWORK COMMUNICATION

Publication date:	2011-03-25
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Classification:	- international: *H04J3/02; H04L12/28; H04L12/56; H04J3/06; H04J; H04L*
	- European: H04L12/28P1D3
Application number:	HK20080101746 20080218
Priority number(s):	WO2005US09998 20050325; US20040557064P 20040326

Also published as:
- WO 2005099197 (A1)
- NO 20064290 (A)
- KR 20090127364 (A)
- KR 20060127237 (A)
- JP 2007531416 (A)
- more

Abstract not available for HK 1111530 (A1)

Abstract of corresponding document:
WO 2005099197 (A1)

A system (10) and method for scalable multifunctional network communication between presentation devices (23) and service providers (43) are disclosed. A group of consumer premise equipment (CPE) (21) units are coupled to the presentation devices (23), and a headend control computer (HCC) (38) receives upstream messages from the CPE (21) units. A group of service provider control subsystem interface (SPCS) (45) between the HCC (38) and the service providers (43). The HCC (38) receives messages from the CPE (21) units and transports them to SPCS (45), and the HCC (38) receives messages from the SPCS (45) and transports them to the CPE (21) units.